

Project Phase 3: Implementation with Configuration Management

1. Task Description

Your third task is to implement your system. This implies working from your requirements and design specifications, and implementing your Phase 1 functionality. As part of this task you must also put all of your source code under configuration management.

2. Deliverables

This phase has the following “deliverables”.

1. A simple “checklist” of the basic functionality required of this release.
2. An executable capable of performing the foregoing functions.
3. A configuration management repository containing your code.

3. Deliverable Mechanism

Delivery of this phase’s deliverables will be accomplished in person, by way of demos, attended by the TA and at least two team members. A precise schedule for these demos will be determined soon. These demos will be scheduled for Thursday 3/17 and Friday 3/18. (We will assign precise times later via a Doodle poll, and will announce the location later.) Each demo will be allotted 20 minutes.

You will first demo your system, showing that it can perform the basic functions on your checklist of functionality.

You will then illustrate that your configuration management system works, by having both team members check out a file, make a minor change to it, and check it in.

NOTE: we’re looking for a working system at this stage, but not necessarily a robust one, because we haven’t done any official testing. It is not necessary to demo any error handling code or any exceptional events.

4. Evaluation

Your implementation will be evaluated in terms of its ability to perform the functions required of your release (we will cross-check your “checklist” with your requirements specification in order to complete this evaluation). Your configuration management repository will be evaluated in terms of its existence and usability by team members.

5. Grading Rubric

- (90 pts) You are able to successfully demonstrate that you have implemented the functions on your list of functionalities. (And on checking, we are able to verify that your list of functionalities matches those listed in your requirements document).
- (10 pts) You are able to successfully demonstrate that your code is under configuration management.

Note: if you do not bring a functionality list to the demo, we cannot verify the first item on the list, and you cannot receive any points for that item.